



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

June 24, 2024
Subject: Large Culvert
Replacement
State WIN: 023747.00
Location: Sanford
Amendment No. 1

Dear Sir/Ms.:

In the Bid Book:

Remove page 11 Maine DOT CONTRACTOR'S DBE/SUBCONTRACTOR PROPOSED UTILIZATION FORM and **Replace** with the attached Maine Department of Transportation COMMITMENT CONFIRMATION totaling one page

The following questions have been received:

Question: Why is the current DBE/Subcontractor form being replaced?

Response: The Disadvantaged Business Enterprise (DBE) rules of the U.S. Department of Transportation at 49 CFR §26 have been amended.

The new regulations require that MaineDOT obtain specific information pertaining to every bid from each prime contractor and its subcontractors, regardless of certified DBE status. MaineDOT has replaced its DBE Utilization form with a new form called the Commitment Confirmation. The required information is on the Commitment Confirmation form and needs to be completed with your bid.

Question: Please provide precast shop drawings with layout, piece marks and weights.

Response: Please see the attached Drawings, as well as can be found on the Maine DOT

Consider these changes and information prior to submitting your bid on **July 10, 2024**.

Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer

Maine Department of Transportation
COMMITMENT CONFIRMATION

Section A. Bidder/Prime Contractor Information.

This section must be completed by the Bidder/Prime Contractor.

1. Prime Contractor Name:		2. Federal Project WIN:		3. Bid Date:	
4. Project Location:		5. Email Address:			

Section B. Commitment Details - Prime Contractor and all Proposed Subcontractor Information is Required in This Section

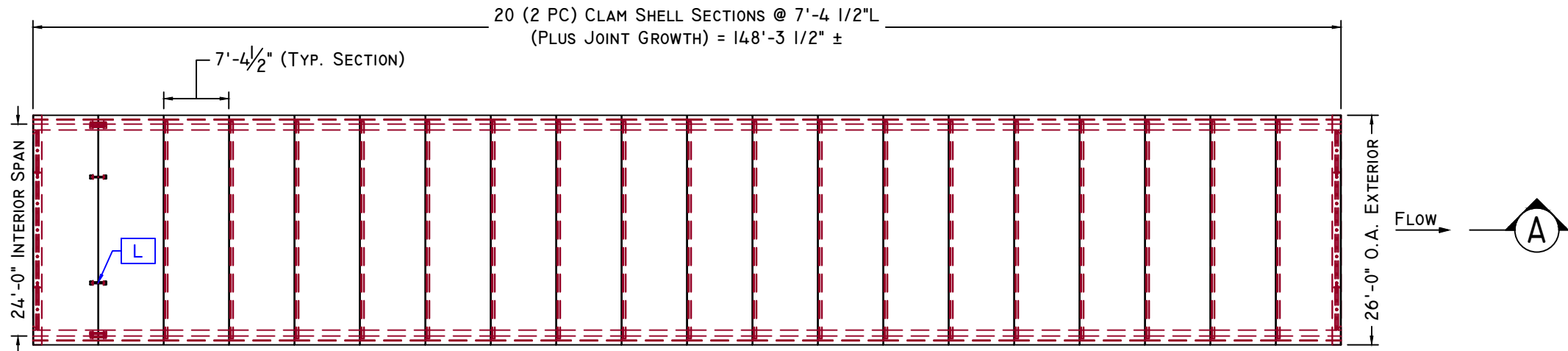
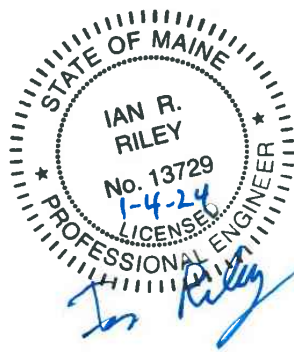
A. Firm's Name & Address, Including Zip Code Prime must be listed first	B. Annual Receipt e e t 1 to 7	. Status DBE or Non-DBE	. NAICS Code(s) and Scope of Work	. Race & Gender of each Firm's Majority Owner	. Age of Each Firm	. o pose Amount

*1	ess	n	1	2	1	3	4	1	5	1	6	M	7	e	t	n	0M	- More than 5 Subs use a new form
----	-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	-----------------------------------

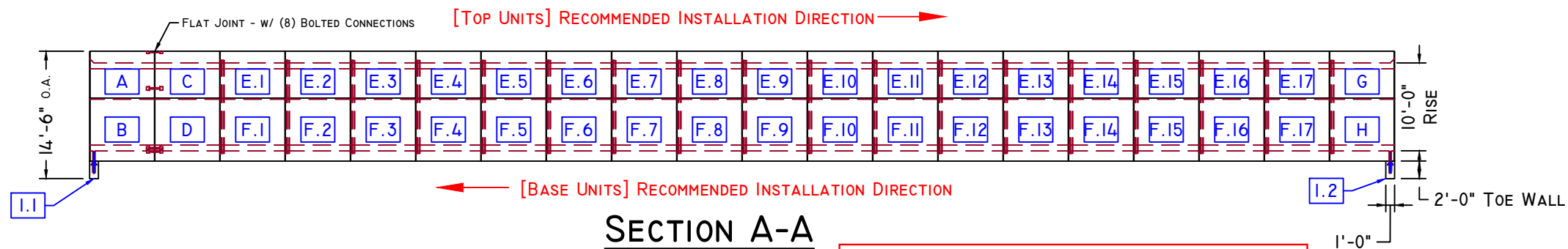
MaineDOT Use Only:

Form Received: ____ / ____ / ____ Verified by: ____
FWHA FTA FAA

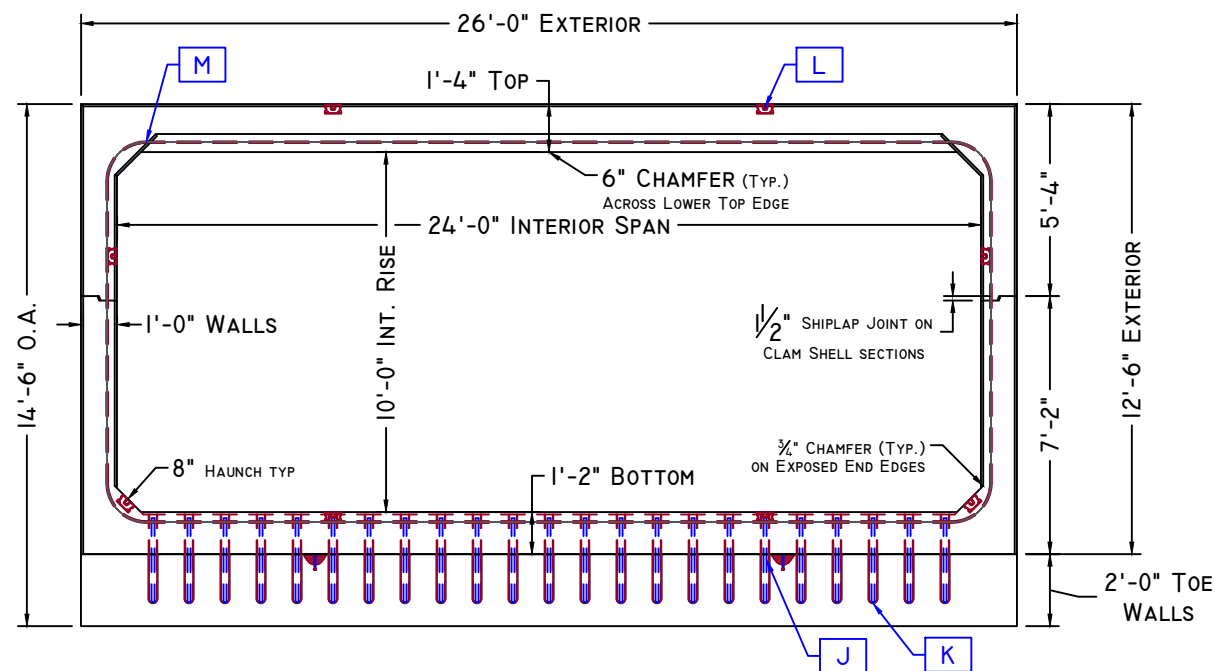
For a complete list of certified DBE firms please visit: <http://www.maine.gov/mdot/civilrights/>



PLAN VIEW



SECTION A-A



END VIEW

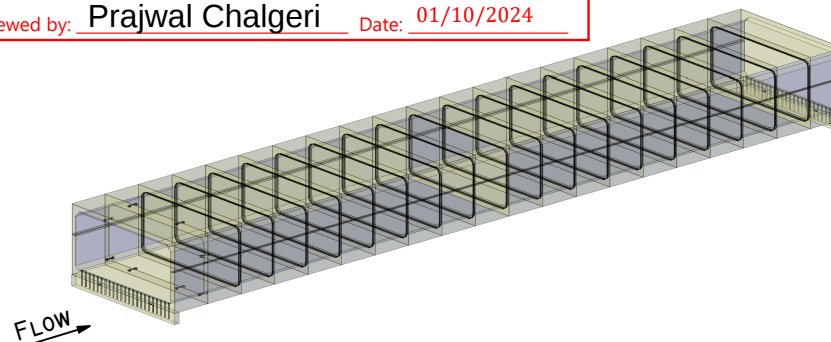
SCALE: 3/16" = 1'-0"

TYLin

☒ X No Exception Taken
☐ Make Correction as Noted
☐ Submit Specified Item
☐ Revise and Resubmit as Noted
☐ Rejected

Checking is for general compliance with the design concept of the project and general compliance with the information given in the contract documents only. Any action shown is not an approval and is subject to the requirements of the plans and specifications. Any action shown on a specific item shall not indicate the checking of an assembly of which the item is a component. Contractor is solely responsible for: dimensions which shall be confirmed and correlated at the job site, fabrication processes, techniques of construction, safety precautions; and coordination of its work with that of all other trades and the satisfactory performance of its work.

Reviewed by: Prajwal Chalgeri Date: 01/10/2024



CONCEPTUAL VIEW

SCALE: NTS

SCALE: 1/16" = 1'-0" Unless otherwise noted



Superior Concrete, LLC

982 MINOT AVE. AUBURN, ME. 04210

TEL: 207-784-1388

FAX: 866-414-9083

WWW.SUPERIORCONCRETE.COM

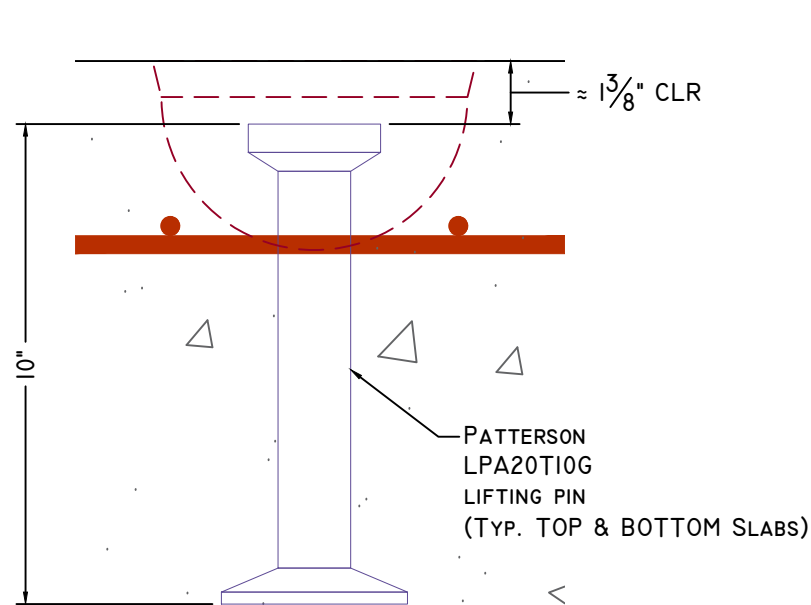
ITEM	QTY	BILL OF MATERIALS
A	(1)	7'-4-1/2" US FLAT JT END TOP (47,400 #)
B	(1)	7'-4-1/2" US FLAT JT END BOTTOM (46,925 #)
C	(1)	7'-4-1/2" FLAT JT/MALE TOP (48,405 #)
D	(1)	7'-4-1/2" FLAT JT/MALE BOTTOM (47,825 #)
E	(17)	7'-4-1/2" MID SECTION TOP (47,770 #/ EA.)
F	(17)	7'-4-1/2" MID SECTION BOTTOM (47,110 #/ EA.)
G	(1)	7'-4-1/2" DS FEMALE END TOP (46,750 #)
H	(1)	7'-4-1/2" DS FEMALE END BOTTOM (46,215 #)
I	(2)	1' x 2' x 26'-0" TOE WALL (7,575 #/ EA.)
J	(46)	#8 x 28" TOEWALL PIN
K	(46)	MP-316 GROUT CONNECTION TUBE (TOW WALLS)
L	(8)	3/4"Ø GALVANIZED CONNECTION HARDWARE SET
M	(90)	CONSEAL CS-102 BUTYL SEALANT (14.5' / ROLL)

DESIGN NOTES:

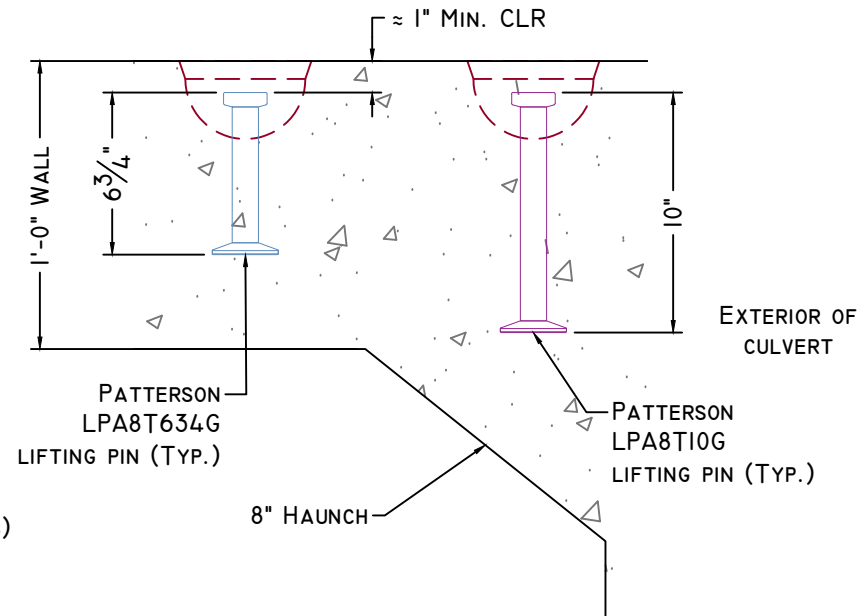
- Concrete**
 - 1.1. COMP. STRENGTH MIN. 6,000PSI @ 28 DAYS
 - 1.2. AIR-ENTRAINMENT: 5.5% - 7.5%
- Structural Reinforcement:**
 - 2.1. BAR PER ASTM A615, GRADE 60
 - 2.2. WWR PER ASTM A1064, GRADE 75
 - 2.3. INTEGRATE REBAR WITH LIFTING INSERT(S)
 - 2.4. INTERRUPTED BAR AREAS WILL BE REPLACED EACH SIDE WITH HALF THE AFFECTED AREA
 - 2.5. DESIGNED FOR HL-93 (+25% LL) WHEEL LOAD RATING
 - 2.6. 2" CLR EXTERIOR, 1 1/2" CLR INTERIOR
- Manufacturing / Installation:**
 - 3.1. FULL BOX JOINTS AND FLAT JOINT SECTIONS TO BE SEALED WITH CONSEAL CS-102 BUTYL SEALANT (JOINT GROWTH OF 1/2"± IS EXPECTED PER JOINT)
 - 3.2. CONFORMS STRICTLY TO ASTM AND MAINE DOT STANDARDS
 - 3.3. ALL EXPOSED SURFACES TO HAVE A RUBBED FINISH OR APPROVED EQUAL IN ACCORDANCE WITH SPEC. SECTION 534.17
 - 3.4. ALL FORM TIES, METAL INSERTS (ETC.) MUST BE RECESSED A MIN. OF 1 INCH FROM SURFACE AND AREA GROUTED AFTER USE / INSTALLATION
- Soil / Fill Requirements:**
 - 4.1. MINIMUM = 4.25 FT
 - 4.2. MAXIMUM = 7.0 FT
 - 4.3. DESIGNED FOR 1.5 FT (MIN.) FILL WITH TYPICAL CONSTRUCTION LOADING ON TOP SLAB

Note: Some details not shown for clarity

STRUCTURE NAME: 24'S x 10'R x 148'-3"L BOX CULVERT (CLAMSHELL)	
JOB NAME: CRANBERRY RIDGE BRIDGE (WIN 2374710)	
LOCATION: U.S. RTE. 202 / RTE. 2 SANFORD, ME.	
CONTRACTOR: ME DOT	
DRAWN BY: ABL	SHEET:
DATE: 01/04/2024	L1.0
REV.#: 0.00 DATE: 00/00/00	MST #: 281497
PROJECT MGR: J.B.	SHEET: 1 OF 4

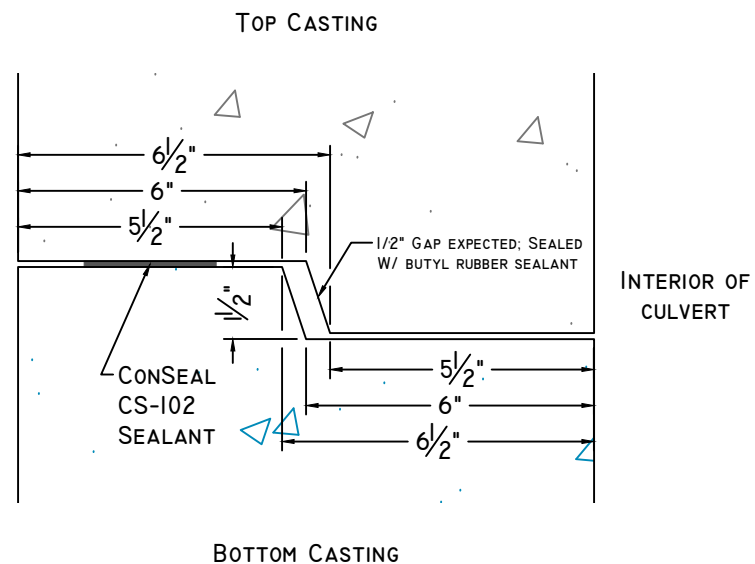


LIFTING PIN DETAIL

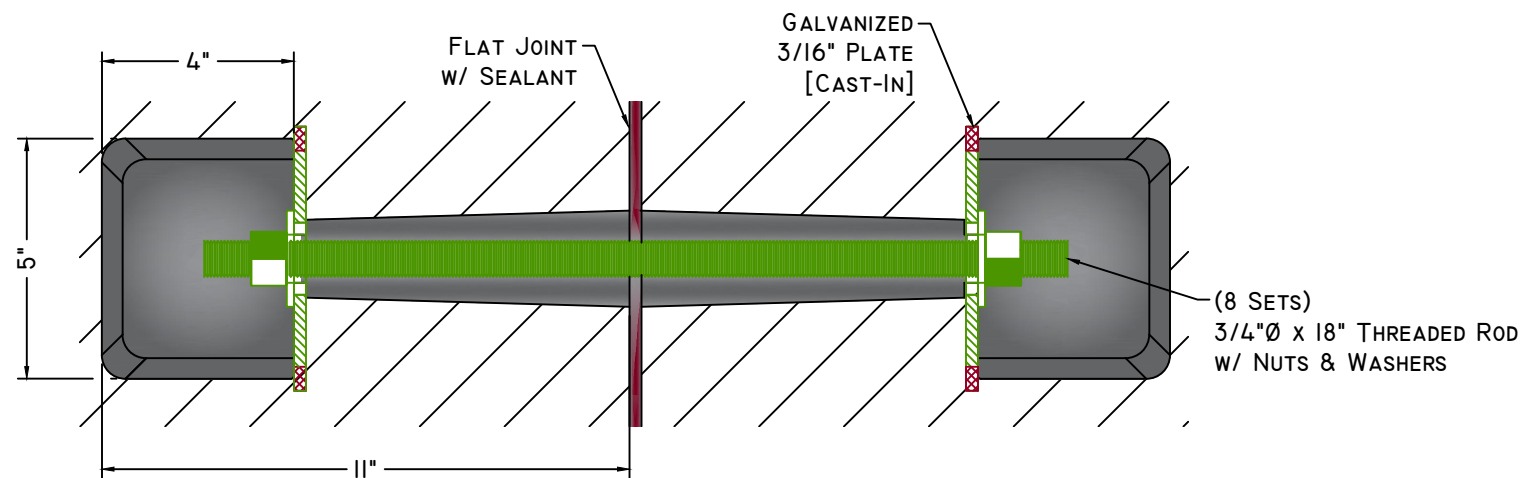


SHOP USE PINS DETAIL

SCALE: 1 1/2" = 1'-0"

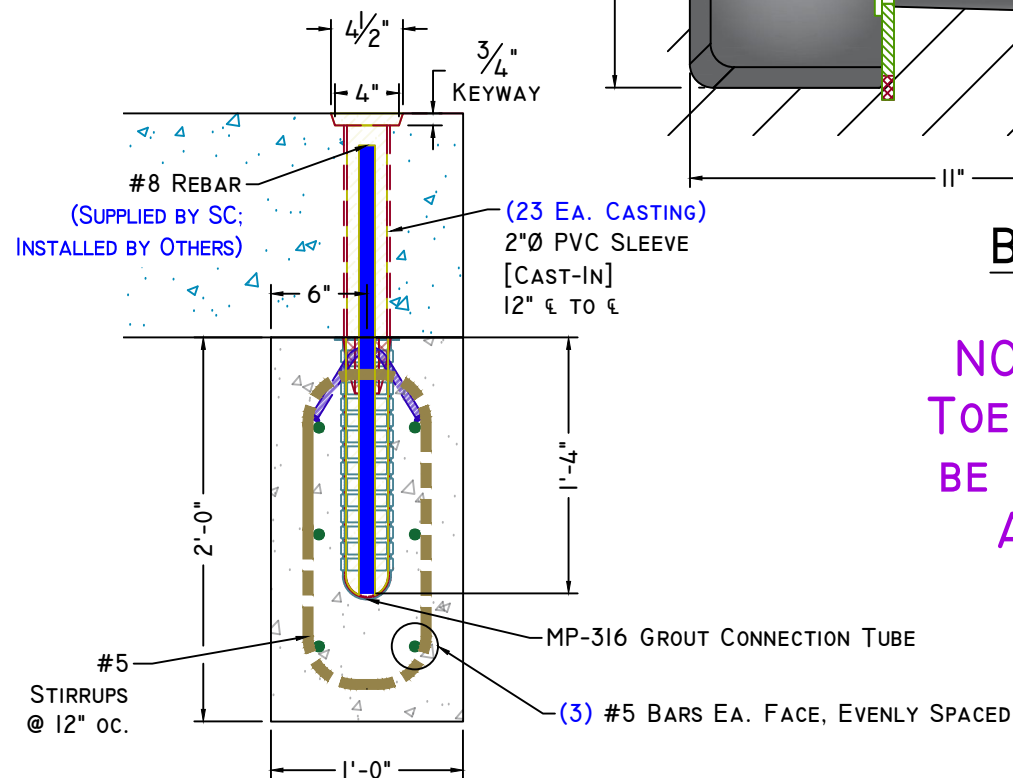


CLAMSHELL JOINT SECTION DETAIL



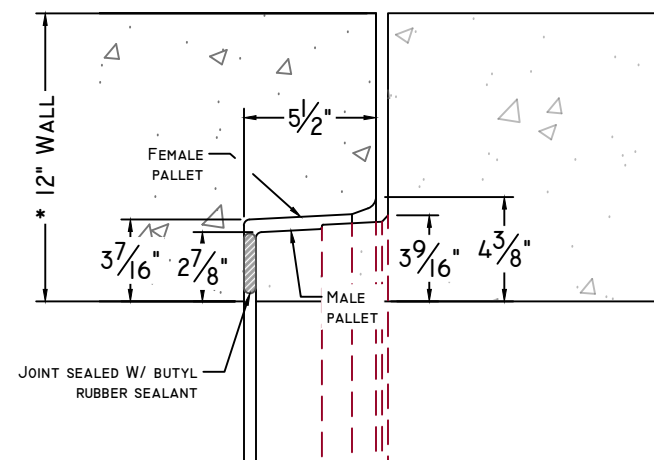
BOLT POCKET DETAIL

NOTE: BOLT POCKETS & TOE WALL PIN SLEEVES TO BE GROUTED (BY OTHERS) AFTER INSTALLATION



TOEWALL CONNECTION DETAIL

SCALE: 1" = 1'-0"



CULVERT JOINT DETAIL

SCALE: 1 1/2" = 1'-0"

NOTE: * 14" BOTTOM SLAB & 16" TOP SLAB THICKNESS



Superior Concrete, LLC

982 MINOT AVE. AUBURN, ME. 04210

TEL: 207-784-1388

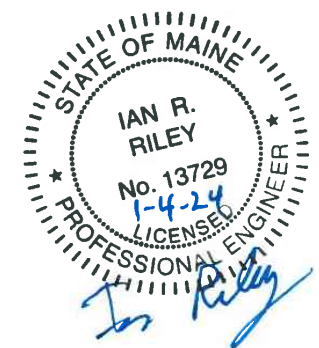
FAX: 866-414-9083

WWW.SUPERIORCONCRETE.COM

ITEM	QTY	BILL OF MATERIALS

DESIGN NOTES:

- Concrete**
 - 1.1. COMP. STRENGTH MIN. 6,000PSI @ 28 DAYS
 - 1.2. AIR-ENTRAINMENT: 5.5% - 7.5%
- Structural Reinforcement:**
 - 2.1. BAR PER ASTM A615, GRADE 60
 - 2.2. WWR PER ASTM A1064, GRADE 75
 - 2.3. INTEGRATE REBAR WITH LIFTING INSERT(S)
 - 2.4. INTERRUPTED BAR AREAS WILL BE REPLACED EACH SIDE WITH HALF THE AFFECTED AREA
 - 2.5. DESIGNED FOR HL-93 (+25% LL) WHEEL LOAD RATING
 - 2.6. 2" CLR EXTERIOR, 1 1/2" CLR INTERIOR
- Manufacturing / Installation:**
 - 3.1. FULL BOX JOINTS AND FLAT JOINT SECTIONS TO BE SEALED WITH CONSEAL CS-102 BUTYL SEALANT (JOINT GROWTH OF 1/2"± IS EXPECTED PER JOINT)
 - 3.2. CONFORMS STRICTLY TO ASTM AND MAINE DOT STANDARDS
 - 3.3. ALL EXPOSED SURFACES TO HAVE A RUBBED FINISH OR APPROVED EQUAL IN ACCORDANCE WITH SPEC. SECTION 534.17
 - 3.4. ALL FORM TIES, METAL INSERTS (ETC.) MUST BE RECESSED A MIN. OF 1 INCH FROM SURFACE AND AREA GROUTED AFTER USE / INSTALLATION
- Soil / Fill Requirements:**
 - 4.1. MINIMUM = 4.25 FT
 - 4.2. MAXIMUM = 7.0 FT
 - 4.3. DESIGNED FOR 1.5 FT (MIN.) FILL WITH TYPICAL CONSTRUCTION LOADING ON TOP SLAB



Note: Some details not shown for clarity
SCALE: 3" = 1'-0" Unless otherwise noted

STRUCTURE NAME: 24'S x 10'R x 148'-3"L BOX CULVERT (CLAMSHELL)	
JOB NAME: CRANBERRY RIDGE BRIDGE (WIN 2374710)	
LOCATION: U.S. RTE. 202 / RTE. 2 SANFORD, ME.	
CONTRACTOR: ME DOT	
DRAWN BY: ABL	SHEET: DI.2
DATE: 01/04/2024	MST #: 281497
REV.#: 0.00	DATE: 00/00/00
PROJECT MGR: J.B.	SHEET: 2 OF 4



Superior Concrete, LLC

982 MINOT AVE. AUBURN, ME. 04210

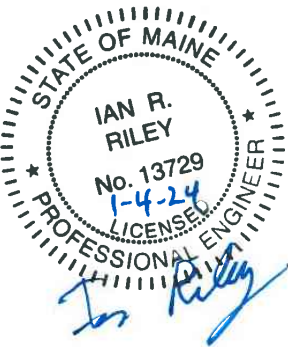
TEL: 207-784-1388

FAX: 866-414-9083

WWW.SUPERIORCONCRETE.COM

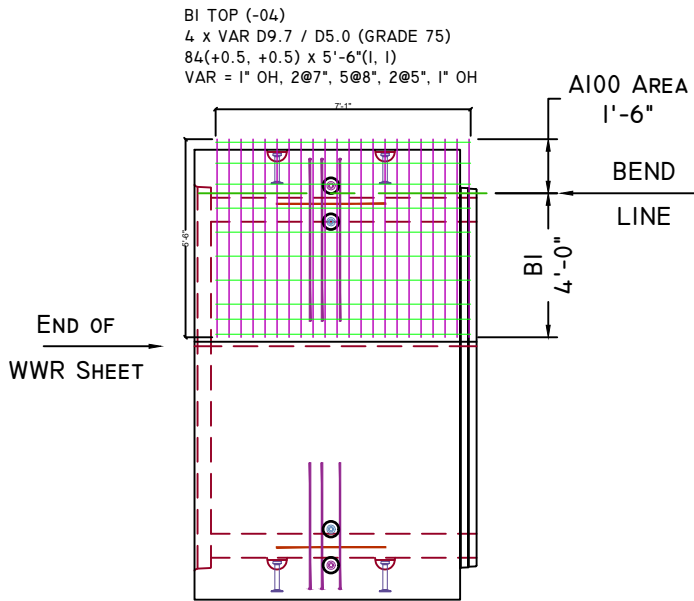
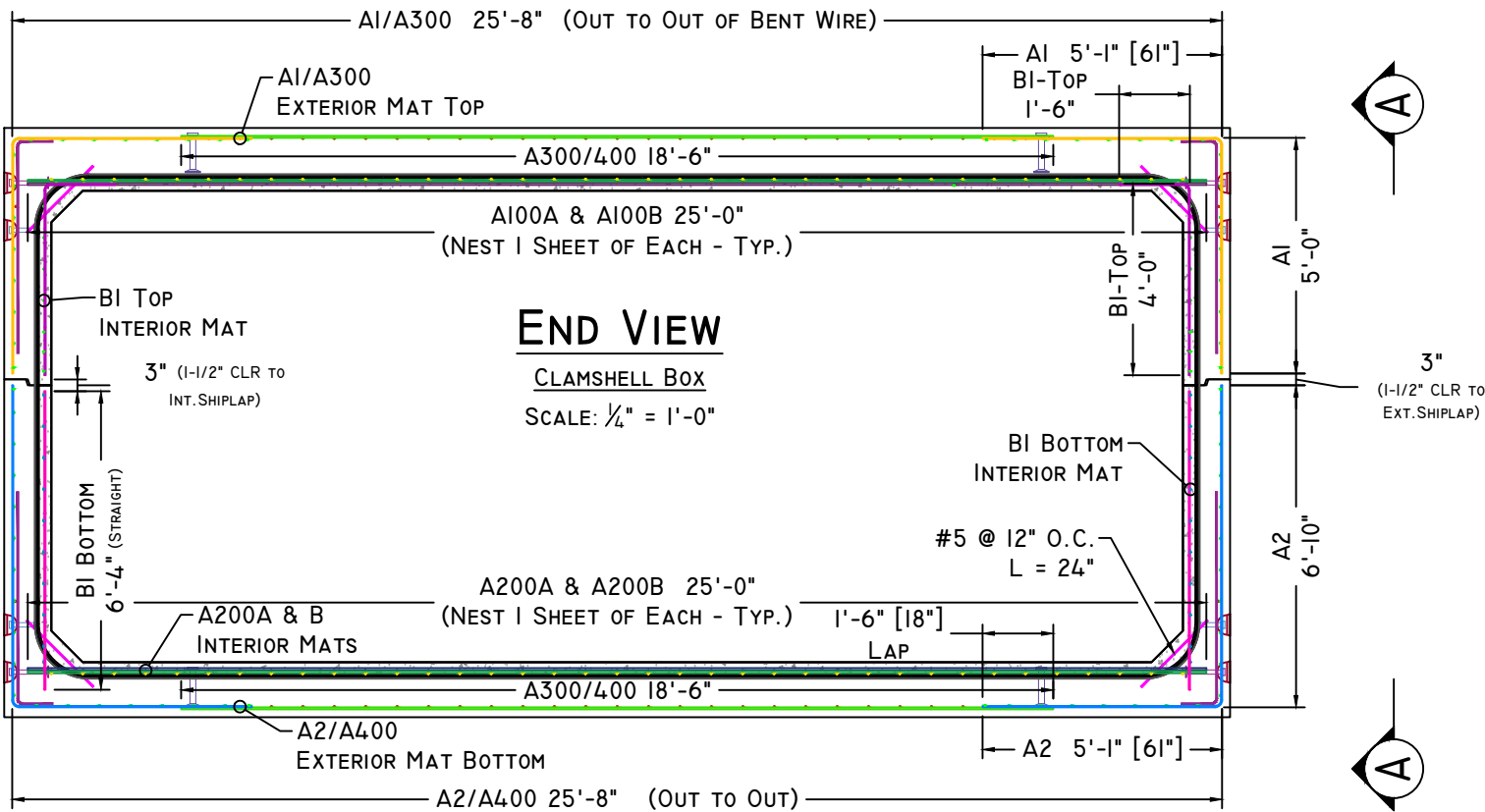
ITEM	QTY	BILL OF MATERIALS
A1	(40)	A1-(01) WWR EXT.TOP WALL MAT (85"W X 121"L)
A2	(40)	A2-(02) WWR EXT.BOT WALL MAT (85"W X 143"L)
BI	(40)	BI TOP-(04) WWR INT.TOP WALL MAT
		(85"W X 66"L)

- DESIGN NOTES:**
- Concrete**
 - 1.1. COMP. STRENGTH MIN. 6,000PSI @ 28 DAYS
 - 1.2. AIR-ENTRAINMENT: 5.5% - 7.5%
 - Structural Reinforcement:**
 - 2.1. BAR PER ASTM A615, GRADE 60
 - 2.2. WWR PER ASTM A1064, GRADE 75
 - 2.3. INTEGRATE REBAR WITH LIFTING INSERT(S)
 - 2.4. INTERRUPTED BAR AREAS WILL BE REPLACED EACH SIDE WITH HALF THE AFFECTED AREA
 - 2.5. DESIGNED FOR HL-93 (+25% LL) WHEEL LOAD RATING
 - 2.6. 2" CLR EXTERIOR, 1 1/2" CLR INTERIOR
 - Manufacturing / Installation:**
 - 3.1. FULL BOX JOINTS AND FLAT JOINT SECTIONS TO BE SEALED WITH CONSEAL CS-102 BUTYL SEALANT (JOINT GROWTH OF 1/2"± IS EXPECTED PER JOINT)
 - 3.2. CONFORMS STRICTLY TO ASTM AND MAINE DOT STANDARDS
 - 3.3. ALL EXPOSED SURFACES TO HAVE A RUBBED FINISH OR APPROVED EQUAL IN ACCORDANCE WITH SPEC. SECTION 534.17
 - 3.4. ALL FORM TIES, METAL INSERTS (ETC.) MUST BE RECESSED A MIN. OF 1 INCH FROM SURFACE AND AREA GROUTED AFTER USE / INSTALLATION
 - Soil / Fill Requirements:**
 - 4.1. MINIMUM = 4.25 FT
 - 4.2. MAXIMUM = 7.0 FT
 - 4.3. DESIGNED FOR 1.5 FT (MIN.) FILL WITH TYPICAL CONSTRUCTION LOADING ON TOP SLAB

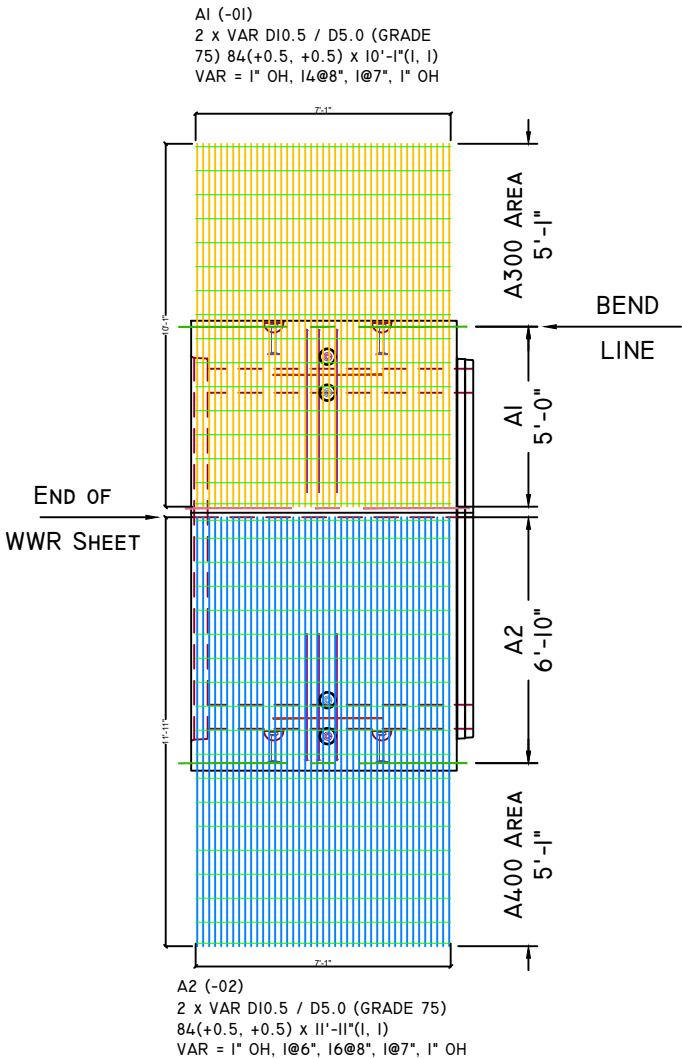


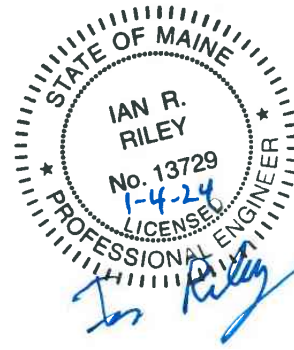
Note: Some details not shown for clarity
SCALE: 3/16" = 1'-0" Unless otherwise noted

STRUCTURE NAME:		24'S x 10'R x 148'-3"L Box CULVERT (CLAMSHELL)
JOB NAME:		CRANBERRY RIDGE BRIDGE (WIN 2374710)
LOCATION:		U.S. RTE. 202 / RTE. 2 SANFORD, ME.
CONTRACTOR:		ME DOT
DRAWN BY:	ABL	SHEET: BRI.3
DATE:	01/04/2024	
REV.#: 0.00	DATE: 00/00/00	MST #: 281497
PROJECT MGR: J.B.		SHEET: 3 OF 4

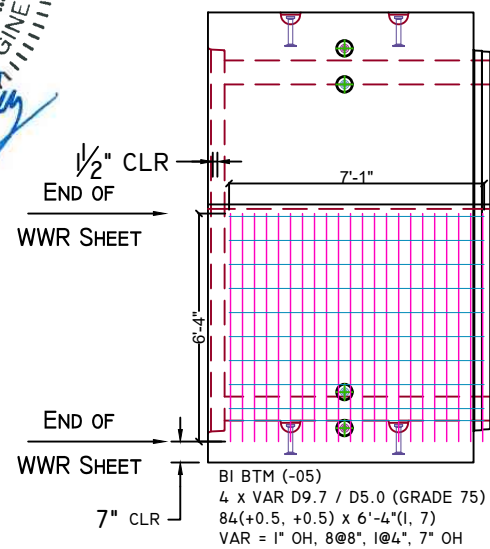


BENT WWR DETAILS

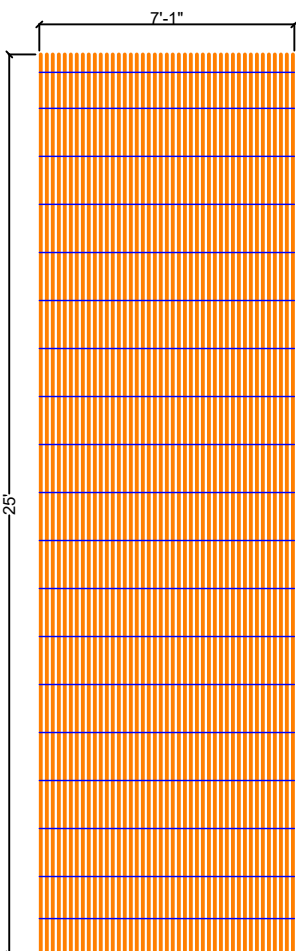
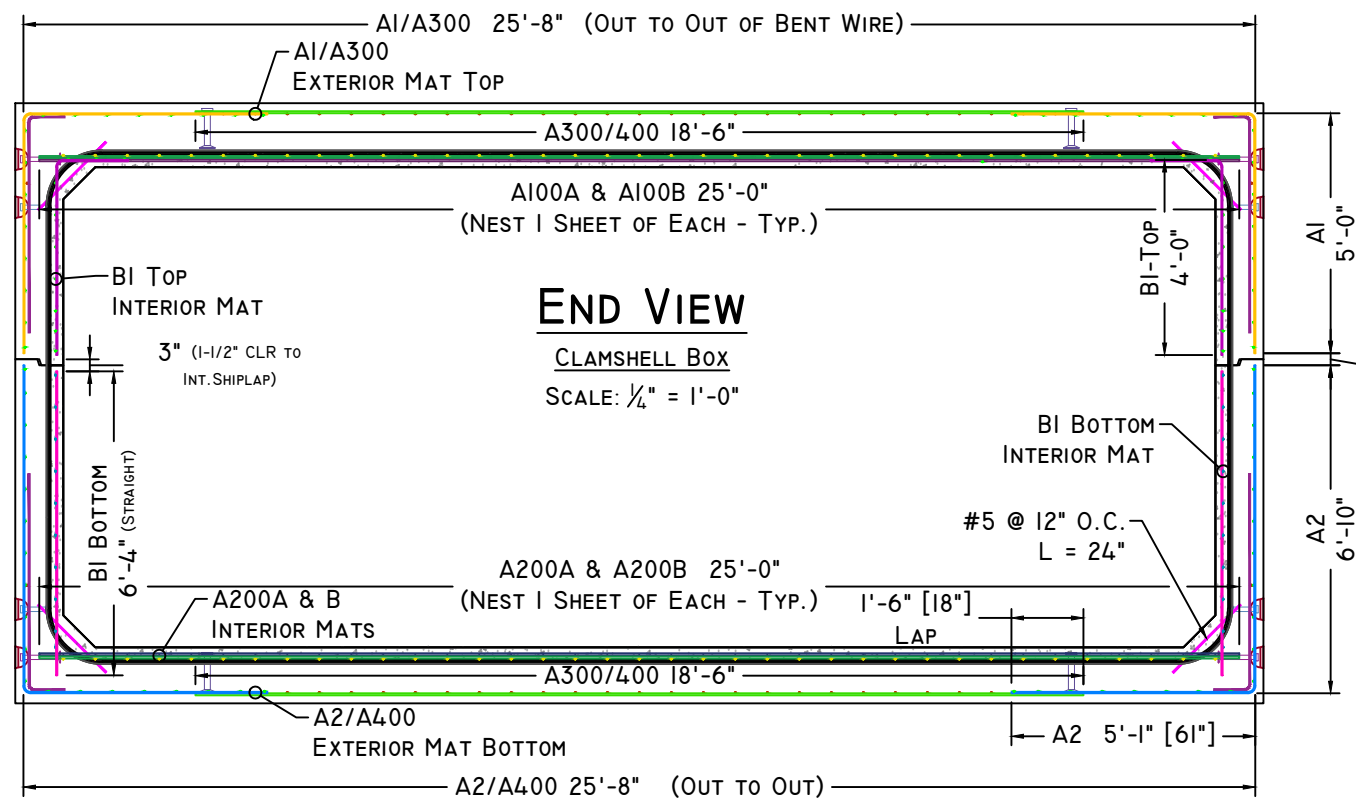




SECTION A-A
BI-BTM INTERIOR WWR MAT



FLAT
WWR
DETAILS

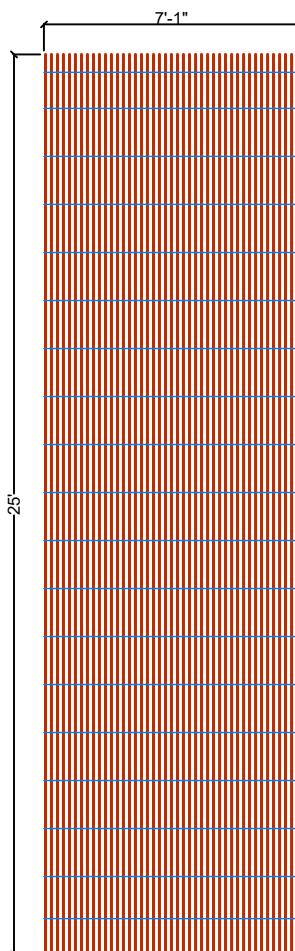


NOTES:
TYPE AI00 & A200 SHEETS
TO FIT INTO MALE JOINT.

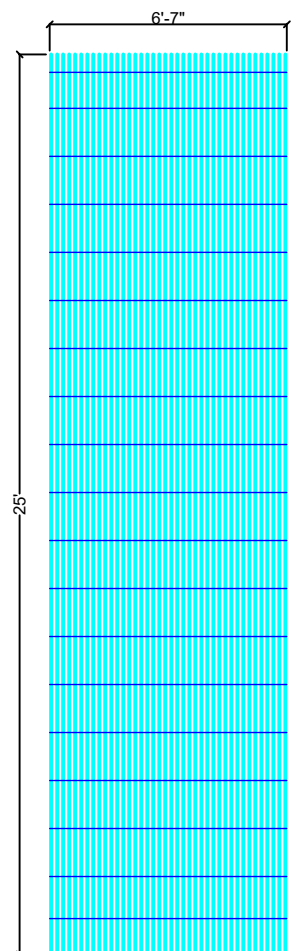
FOR SECTION C NEST (2)
AI00 FOR
TOP SLAB

FOR SECTION D
NEST (2) A200
FOR
BOTTOM SLAB

PLAN VIEW
AI00 TOP SLAB INT. WWR MAT



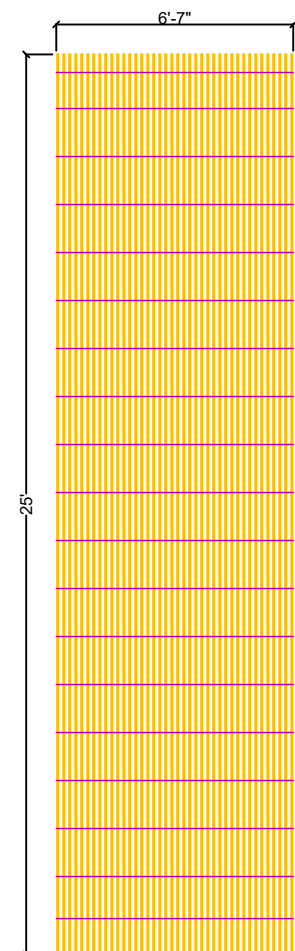
PLAN VIEW
A200 BOTTOM SLAB INT. WWR MAT



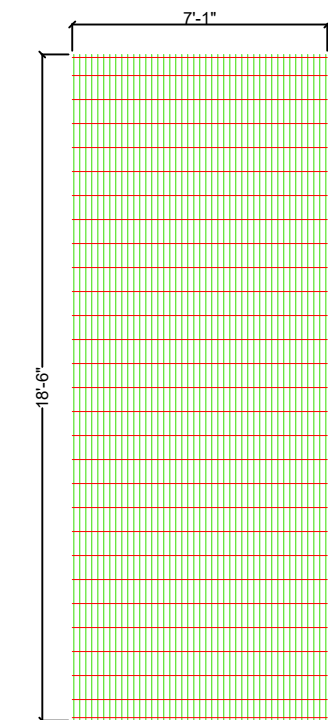
PLAN VIEW
AI00B TOP SLAB MID. WWR MAT

NOTES:
TYPE AI00B SHEETS NEST
INSIDE OF AI00 FOR
TOP SLAB - (TYP.)

TYPE A200B SHEETS NEST
INSIDE OF A200 FOR
BOTTOM SLAB - (TYP.)



PLAN VIEW
A200B BOTTOM SLAB MID. WWR MAT



A300/400 (-03)
2 x VAR D6.5 / D5.0 (GRADE 75)
84(+0.5, +0.5) x 18'-6" (1, 1)
VAR = 1" OH, 1@6", 2@8", 1@6", 1" OH

PLAN VIEW
A300/400 TOP & BOT. SLAB
EXT. WWR MAT

Superior Concrete, LLC
982 MINOT AVE. AUBURN, ME. 04210
TEL: 207-784-1388
FAX: 866-414-9083
WWW.SUPERIORCONCRETE.COM

ITEM	QTY	BILL OF MATERIALS
BI-B	(40)	BI-BTM WWR BOT. INT. WALL MAT (76"L X 85"W)
NEST	(21)	AI00 WWR INT. TOP SLAB MAT (300" X 85")
	(19)	AI00-B WWR MID. TOP SLAB MAT (300" X 79")
NEST	(1)	A200 WWR INT. BOT. SLAB MAT (300" X 85")
	(1)	A200-B WWR MID. BOT. SLAB MAT (300" X 79")
A3/4	(40)	A300/400 WWR EXT. TOP & BOT. SLABS MAT
		(222"L X 85"W)

DESIGN NOTES:

- Concrete**
 - COMP. STRENGTH MIN. 6,000PSI @ 28 DAYS
 - AIR-ENTRAINMENT: 5.5% - 7.5%
- Structural Reinforcement:**
 - BAR PER ASTM A615, GRADE 60
 - WWR PER ASTM A1064, GRADE 75
 - INTEGRATE REBAR WITH LIFTING INSERT(S)
 - INTERRUPTED BAR AREAS WILL BE REPLACED EACH SIDE WITH HALF THE AFFECTED AREA
 - DESIGNED FOR HL-93 (+25% LL) WHEEL LOAD RATING
 - 2" CLR EXTERIOR, 1 1/2" CLR INTERIOR
- Manufacturing / Installation:**
 - FULL BOX JOINTS AND FLAT JOINT SECTIONS TO BE SEALED WITH CONSEAL CS-102 BUTYL SEALANT (JOINT GROWTH OF 1/2"± IS EXPECTED PER JOINT)
 - CONFORMS STRICTLY TO ASTM AND MAINE DOT STANDARDS
 - ALL EXPOSED SURFACES TO HAVE A RUBBED FINISH OR APPROVED EQUAL IN ACCORDANCE WITH SPEC. SECTION 534.17
 - ALL FORM TIES, METAL INSERTS (ETC.) MUST BE RECESSED A MIN. OF 1 INCH FROM SURFACE AND AREA GROUTED AFTER USE / INSTALLATION
- Soil / Fill Requirements:**
 - MINIMUM = 4.25 FT
 - MAXIMUM = 7.0 FT
 - DESIGNED FOR 1.5 FT (MIN.) FILL WITH TYPICAL CONSTRUCTION LOADING ON TOP SLAB

Note: Some details not shown for clarity
SCALE: 3/16" = 1'-0" Unless otherwise noted

STRUCTURE NAME:
24'S X 10'R X 148'-3"L Box CULVERT (CLAMSHELL)

JOB NAME:
CRANBERRY RIDGE BRIDGE (WIN 2374710)

LOCATION:
U.S. RTE. 202 / RTE. 2 SANFORD, ME.

CONTRACTOR:
ME DOT

DRAWN BY: ABL	SHEET: FRI.4
DATE: 01/04/2024	MST #: 281497
REV.#: 0.00 DATE: 00/00/00	
PROJECT MGR: J.B.	SHEET: 4 OF 4

SHOP DRAWING/SUBMITTAL REVIEW

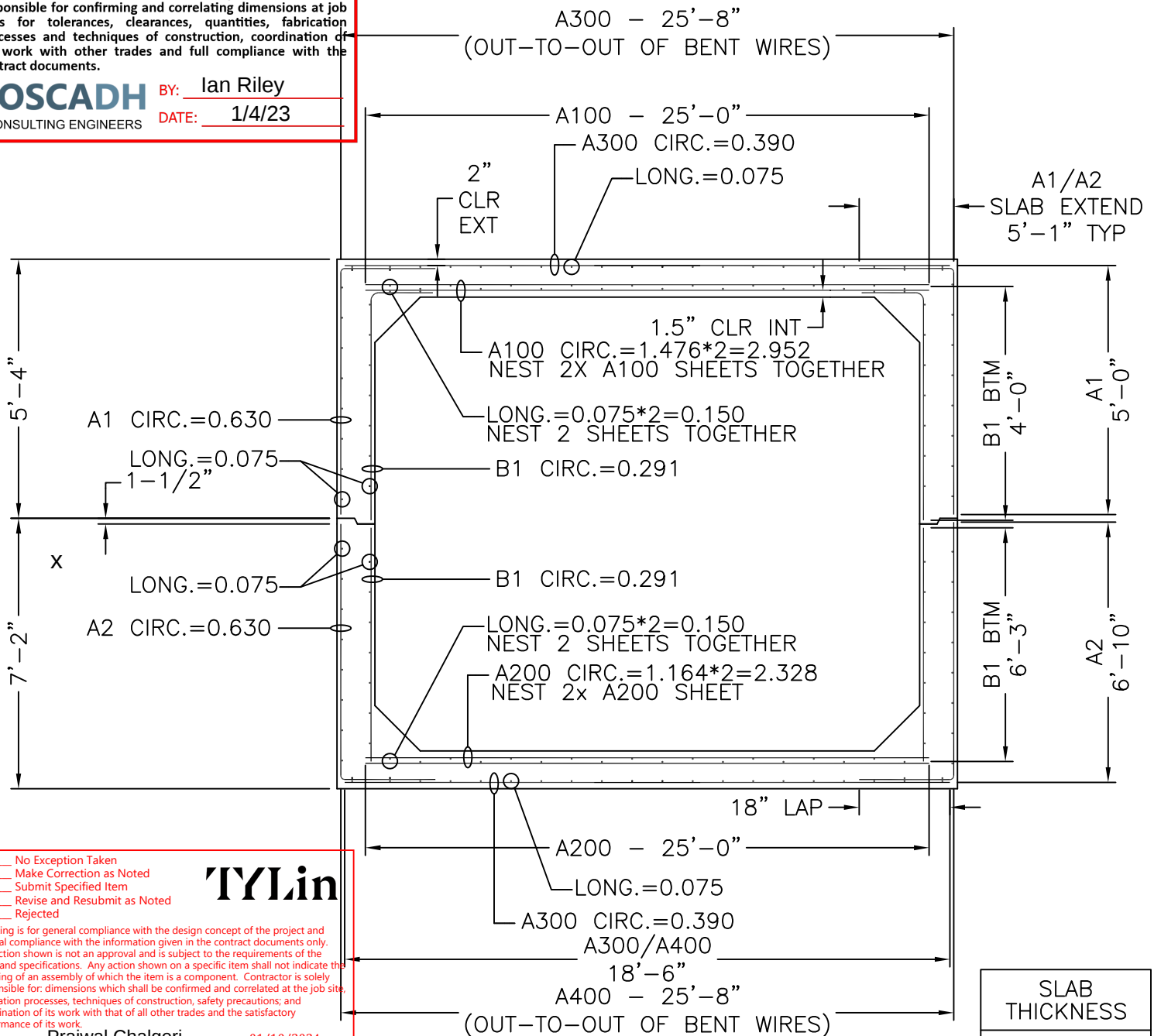
☒ APPROVED ☐ APPROVED WITH CHANGES NOTES
☐ REVISE AND RESUBMIT ☐ REJECTED: _____

Submittal was reviewed for design conformity and general conformance to contract documents only. The contractor is responsible for confirming and correlating dimensions at job sites for tolerances, clearances, quantities, fabrication processes and techniques of construction, coordination of his work with other trades and full compliance with the contract documents.

FOSCADH
CONSULTING ENGINEERS

BY: Ian Riley

DATE: 1/4/23



☒ No Exception Taken
☐ Make Correction as Noted
☐ Submit Specified Item
☐ Revise and Resubmit as Noted
☐ Rejected

TYLin

Checking is for general compliance with the design concept of the project and general compliance with the information given in the contract documents only. Any action shown is not an approval and is subject to the requirements of the plans and specifications. Any action shown on a specific item shall not indicate the checking of an assembly of which the item is a component. Contractor is solely responsible for: dimensions which shall be confirmed and correlated at the job site, fabrication processes, techniques of construction, safety precautions; and coordination of its work with that of all other trades and the satisfactory performance of its work.

Reviewed by: Prajwal Chalgeri Date: 01/10/2024

24' x 10' x 7'-4 1/2"

CROSS SECTION WITH AREAS OF STEEL

SLAB THICKNESS	
TOP	16"
BOTTOM	14"
WALLS	12"

CAGE WEIGHT PER 7'-4 1/2" JOINT = 4813.8 lbs

MECHANICAL DIMENSIONS			
DIM. 'L'	=	N/A	
DIM. 'M'	=	N/A	
DIM. 'R'	=	N/A	
DIM. 'S'	=	N/A	

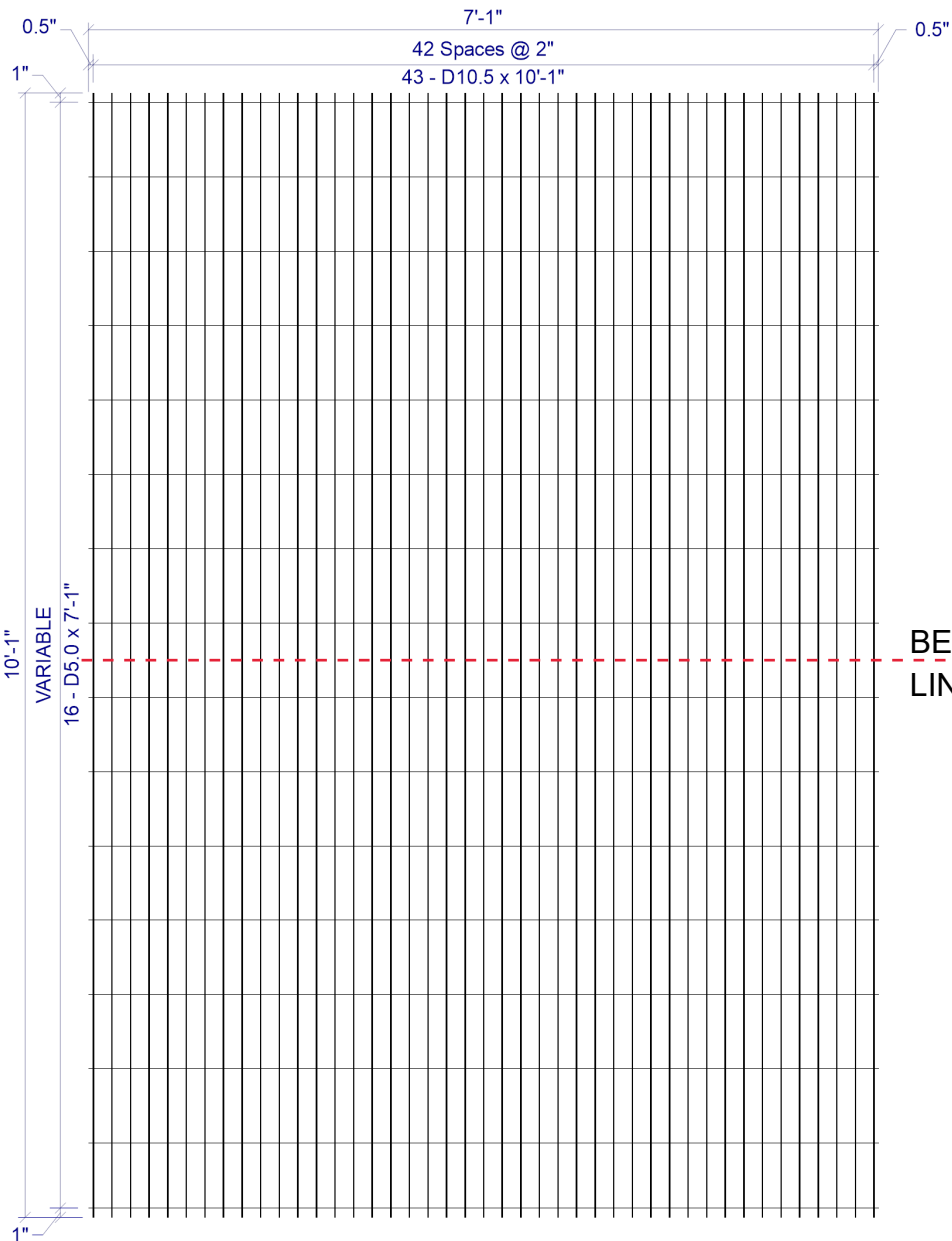


Concrete Reinforcements, Inc.

3830 Presidents Way
Jacksonville, FL 32220
PH. 904-520-7100 FAX. 904-520-7101

CUSTOMER: SUPERIOR CONCRETE	DRAWN BY:	REVISION: -	SHEET DESCRIPTION: COVER
PROJECT: 24' X 10 X 7'-4 1/2" SANDFORD	DATE: 12/18/2023	REVISION DATE: -	FILE NAME: F23-4597
	CHECKED BY: BWA	SCALE: NTS	PROJECT #: F23-4597
			SHEET #: 1 OF 8

BOX SIZE: 24' X 10' X 7'-4 1/2"	ASTM: HL-93	TABLE: 125%	FILL: 4.25'-7'
------------------------------------	----------------	----------------	-------------------



2 x VAR D10.5 / D5.0 (GRADE 75) 84(+0.5, +0.5) x 10'-1" (1, 1)
VAR = 1" OH, 14@8", 1@7", 1" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

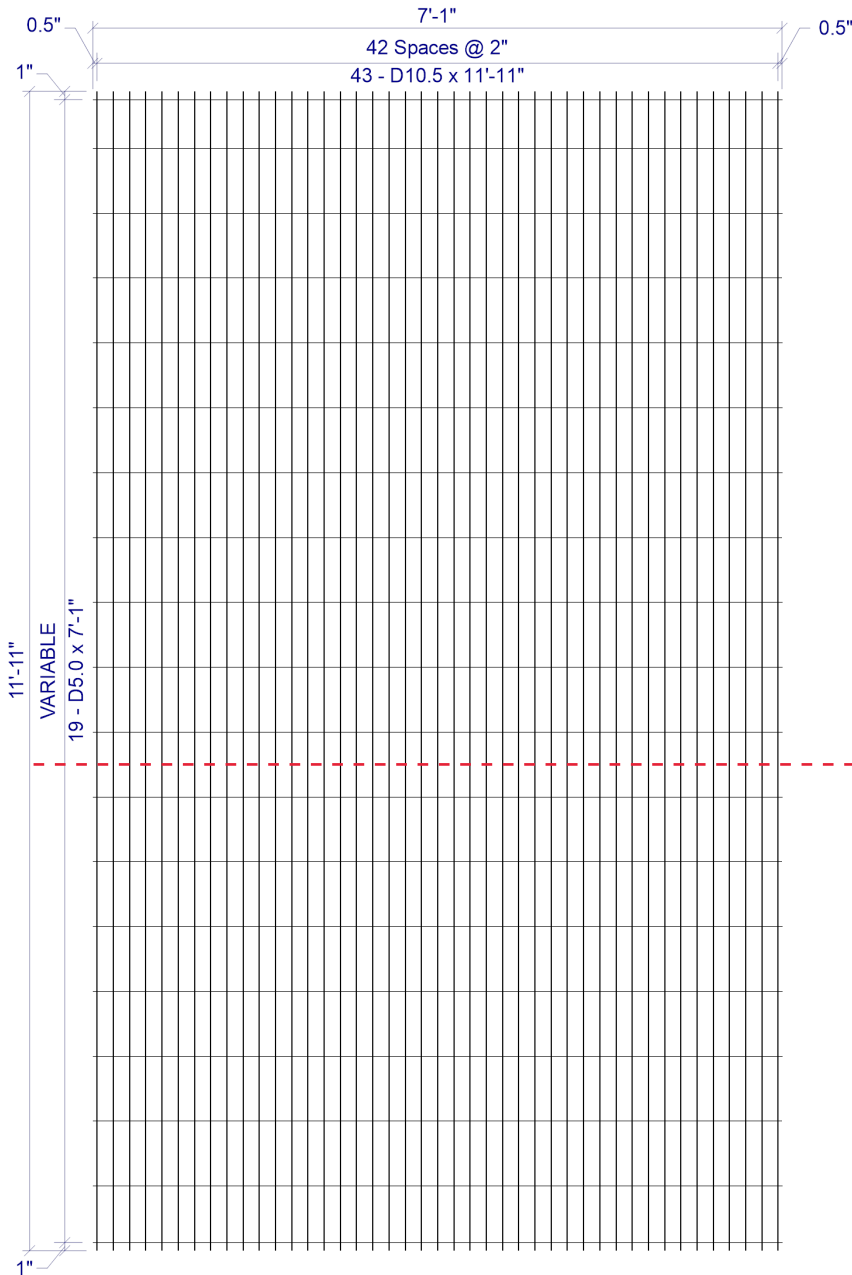
CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023
LOCATION Auburn, ME
DATE 12-20-2023 MARK NUMBER A1 (-01)

L.W.SPACE 2"
C.W.SPACE VAR
L.W.1 SIZE D10.5
L.W.2 SIZE N/A
C.W.SIZE D5.0
WIDTH 7'-1"
LENGTH 10'-1"
OH.LEFT 0.5"
OH.RIGHT 0.5"
OH.TOP 1"
OH.BOTTOM 1"
YIELD 75,000psi
BENT -
CUT -
ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	43	N/A	16
SIZE	D10.5	N/A	D5.0
LENGTH	10'-1"	-	7'-1"
W.T./SHEET			
SHEET W.T.	174.10#		
QUANTITY	40		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:
BEND DIMS: WALL=60", SLABS=61"

APPROVED _____



2 x VAR D10.5 / D5.0 (GRADE 75) 84(+0.5, +0.5) x 11'-11" (1, 1)
VAR = 1" OH, 1@6", 16@8", 1@7", 1" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

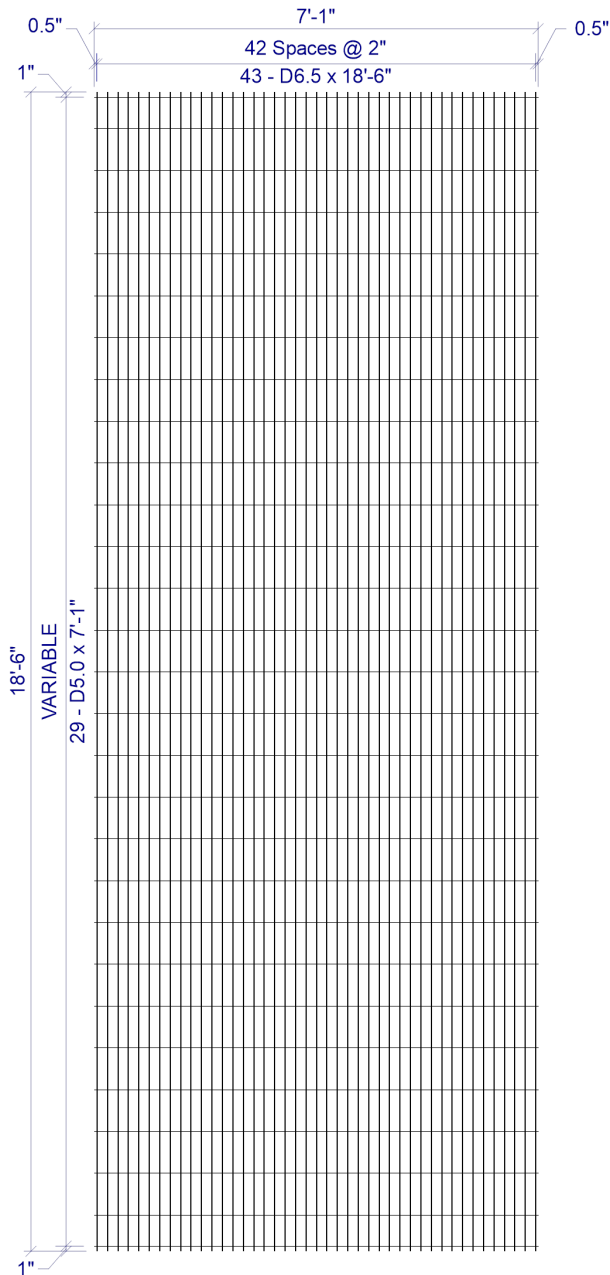
CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023
LOCATION Auburn, ME
DATE 12-20-2023 MARK NUMBER A2 (-02)

L.W.SPACE 2"
C.W.SPACE VAR
L.W.1 SIZE D10.5
L.W.2 SIZE N/A
C.W.SIZE D5.0
WIDTH 7'-1"
LENGTH 11'-11"
OH.LEFT 0.5"
OH.RIGHT 0.5"
OH.TOP 1"
OH.BOTTOM 1"
YIELD 75,000psi
BENT -
CUT -
ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	43	N/A	19
SIZE	D10.5	N/A	D5.0
LENGTH	11'-11"	-	7'-1"
W.T./SHEET			
SHEET W.T.	205.90#		
QUANTITY	40		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:
BEND DIMS: WALL=82", SLAB=61"

APPROVED _____



2 x VAR D6.5 / D5.0 (GRADE 75) 84(+0.5, +0.5) x 18'-6"(1, 1)
VAR = 1" OH, 1@6", 26@8", 1@6", 1" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023
LOCATION Auburn, ME
DATE 12-20-2023 MARK NUMBER A300/400 (-03)

L.W.SPACE 2"
C.W.SPACE VAR
L.W.1 SIZE D6.5
L.W.2 SIZE N/A
C.W.SIZE D5.0
WIDTH 7'-1"
LENGTH 18'-6"
OH.LEFT 0.5"
OH.RIGHT 0.5"
OH.TOP 1"
OH.BOTTOM 1"
YIELD 75,000psi
BENT -
CUT -
ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	43	N/A	29
SIZE	D6.5	N/A	D5.0
LENGTH	18'-6"	-	7'-1"
W.T./SHEET			
SHEET W.T.	210.80#		
QUANTITY	40		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:

APPROVED _____

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023

LOCATION Auburn, ME

DATE 12-20-2023 MARK NUMBER B1 TOP (-04)

L.W.SPACE 4"

C.W.SPACE VAR

L.W.1 SIZE D9.7

L.W.2 SIZE N/A

C.W.SIZE D5.0

WIDTH 7'-1"

LENGTH 5'-6"

OH.LEFT 0.5"

OH.RIGHT 0.5"

OH.TOP 1"

OH.BOTTOM 1"

YIELD 75,000psi

BENT -

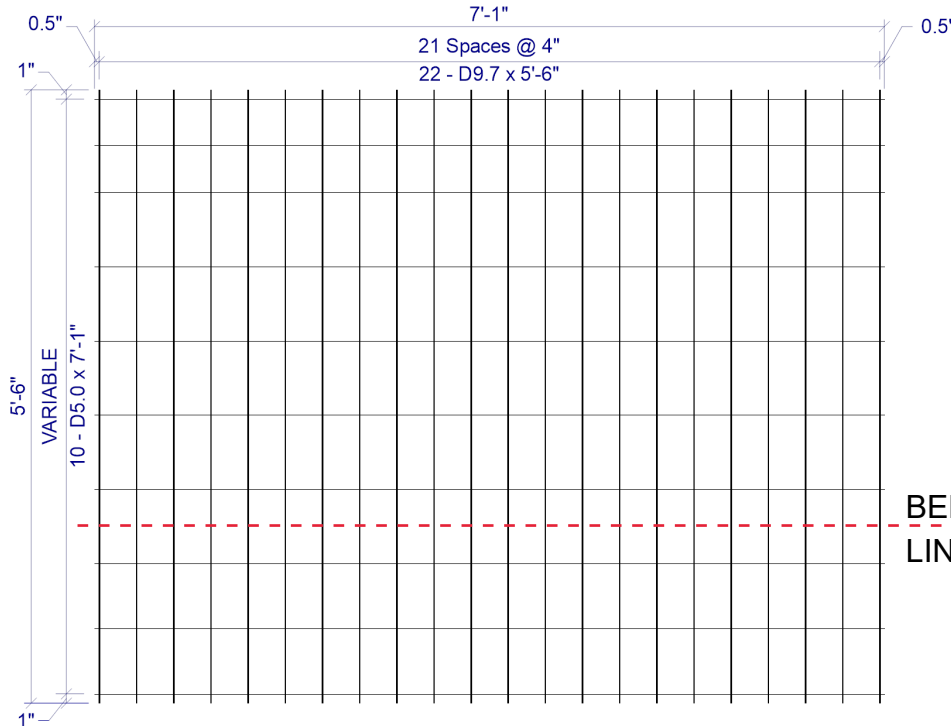
CUT -

ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	22	N/A	10
SIZE	D9.7	N/A	D5.0
LENGTH	5'-6"	-	7'-1"
W.T./SHEET			
SHEET W.T.	53.20#		
QUANTITY	40		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:
BEND DIMS: WALL=48", SLAB=18"

APPROVED _____



4 x VAR D9.7 / D5.0 (GRADE 75) 84(+0.5, +0.5) x 5'-6"(1, 1)
VAR = 1" OH, 2@5", 5@8", 2@7", 1" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

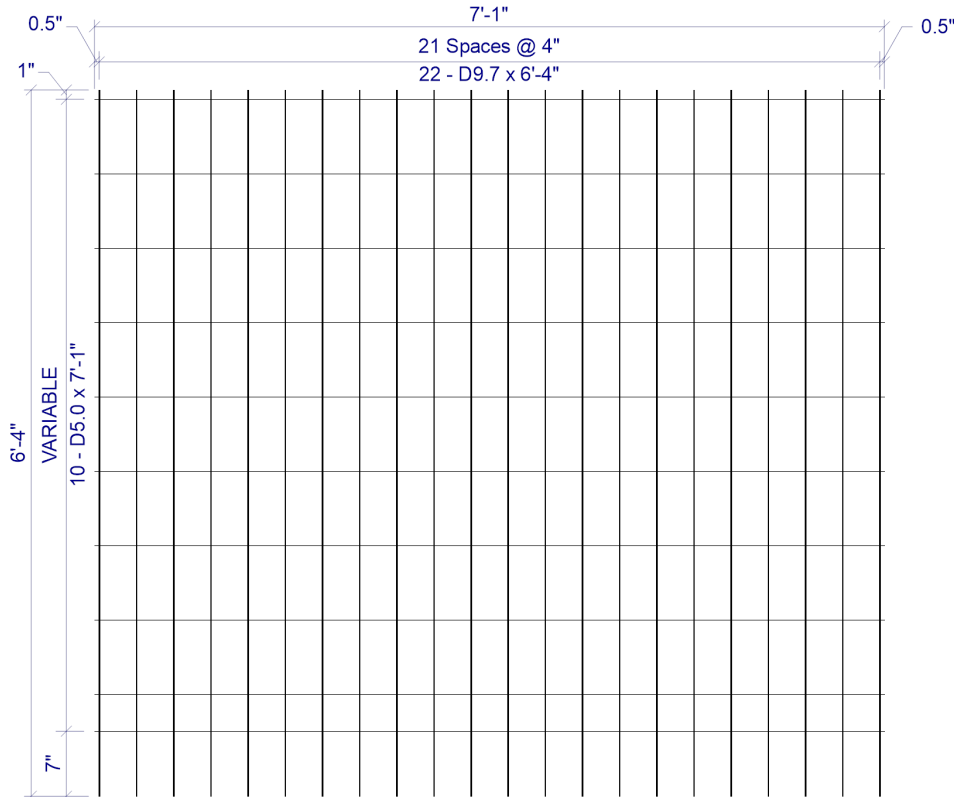
CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023
LOCATION Auburn, ME
DATE 12-20-2023 MARK NUMBER B1 BTM (-05)

L.W.SPACE 4"
C.W.SPACE VAR
L.W.1 SIZE D9.7
L.W.2 SIZE N/A
C.W.SIZE D5.0
WIDTH 7'-1"
LENGTH 6'-4"
OH.LEFT 0.5"
OH.RIGHT 0.5"
OH.TOP 1"
OH.BOTTOM 7"
YIELD 75,000psi
BENT -
CUT -
ROLL -

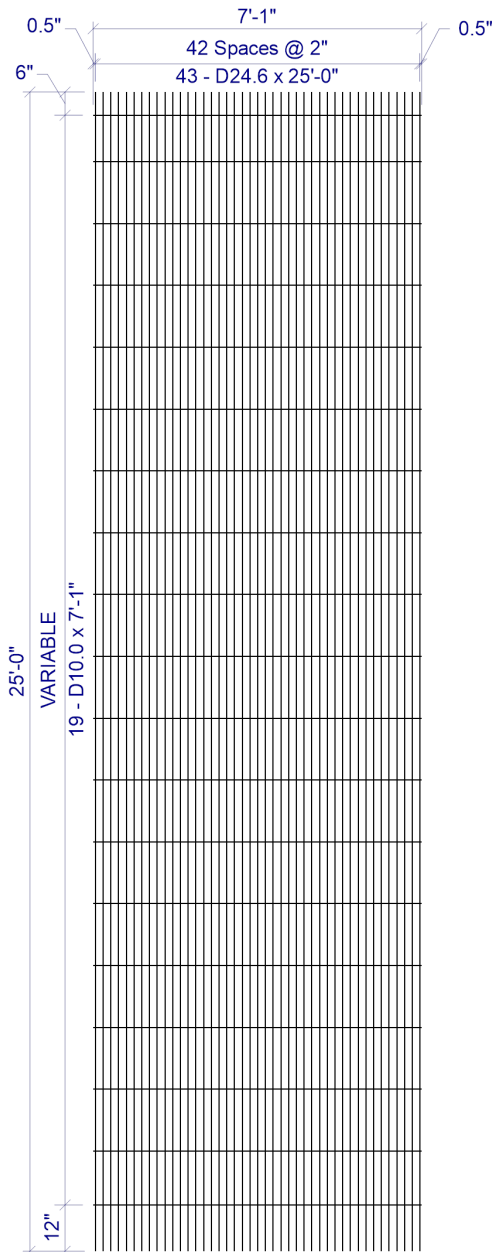
W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	22	N/A	10
SIZE	D9.7	N/A	D5.0
LENGTH	6'-4"	-	7'-1"
W.T./SHEET			
SHEET W.T.	59.50#		
QUANTITY	40		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:

APPROVED _____



4 x VAR D9.7 / D5.0 (GRADE 75) 84(+0.5, +0.5) x 6'-4"(1, 7)
VAR = 1" OH, 8@8", 1@4", 7" OH



2 x VAR D24.6 / D10.0 (GRADE 75) 84(+0.5, +0.5) x 25'-0" (6, 12)
VAR = 6" OH, 1@12", 16@16", 1@14", 12" OH

SHEET DESIGN



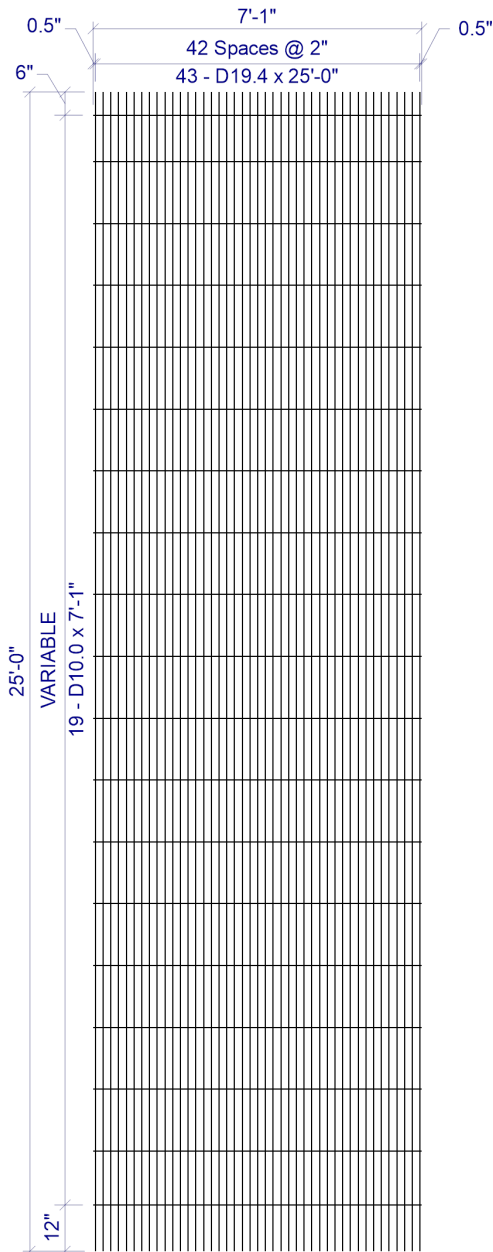
Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

CUSTOMER	Superior Concrete
PROJECT	F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023
LOCATION	Auburn, ME
DATE	12-20-2023
MARK NUMBER	A100 (-06)
L.W.SPACE	2"
C.W.SPACE	VAR
L.W.1 SIZE	D24.6
L.W.2 SIZE	N/A
C.W.SIZE	D10.0
WIDTH	7'-1"
LENGTH	25'-0"
OH.LEFT	0.5"
OH.RIGHT	0.5"
OH.TOP	6"
OH.BOTTOM	12"
YIELD	75,000psi
BENT	-
CUT	-
ROLL	-

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	43	N/A	19
SIZE	D24.6	N/A	D10.0
LENGTH	25'-0"	-	7'-1"
W.T./SHEET			
SHEET W.T.	944.90#		
QUANTITY	21		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:
FLIP AND NEST 2X SHEETS FOR AREA
A100=1.476+1.476=2.952
C100=0.075+0.075=0.150

APPROVED _____



2 x VAR D19.4 / D10.0 (GRADE 75) 84(+0.5, +0.5) x 25'-0" (6, 12)
VAR = 6" OH, 1@12", 16@16", 1@14", 12" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

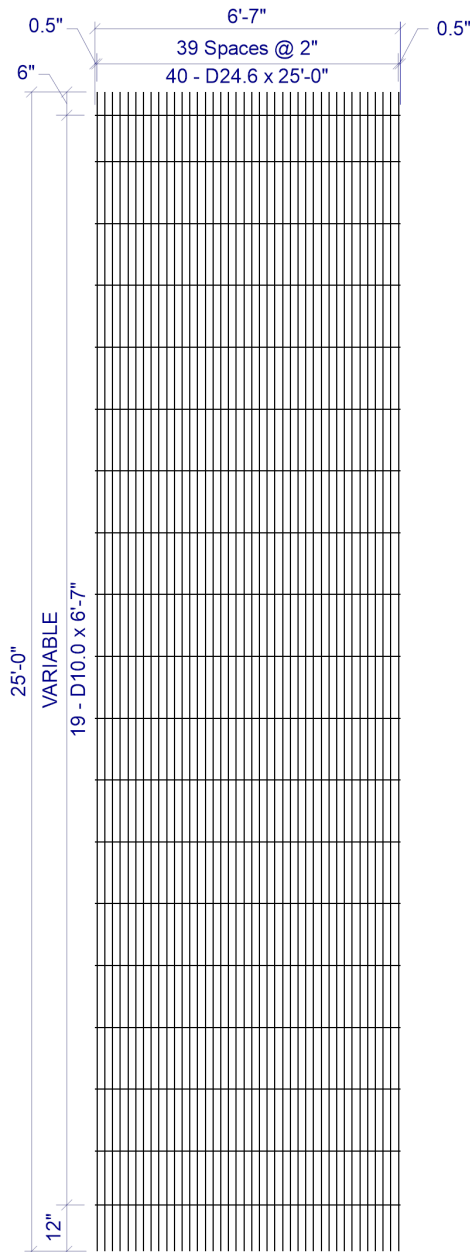
CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023
LOCATION Auburn, ME
DATE 12-20-2023 MARK NUMBER A200 (-07)

L.W.SPACE 2"
C.W.SPACE VAR
L.W.1 SIZE D19.4
L.W.2 SIZE N/A
C.W.SIZE D10.0
WIDTH 7'-1"
LENGTH 25'-0"
OH.LEFT 0.5"
OH.RIGHT 0.5"
OH.TOP 6"
OH.BOTTOM 12"
YIELD 75,000psi
BENT -
CUT -
ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	43	N/A	19
SIZE	D19.4	N/A	D10.0
LENGTH	25'-0"	-	7'-1"
W.T./SHEET			
SHEET W.T.	758.50#		
QUANTITY	21		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:
FLIP AND NEST 2X SHEETS FOR AREA
A200=1.164+1.164=2.328
C200=0.075+0.075=0.150

APPROVED _____



2 x VAR D24.6 / D10.0 (GRADE 75) 78(+0.5, +0.5) x 25'-0"(6, 12)
 VAR = 6" OH, 1@12", 16@16", 1@14", 12" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
 3830 Presidents Way • Jacksonville, FL 32220
 Phone: 904-520-7100 • Fax: 904-520-7101

CUSTOMER Superior Concrete
 PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023

LOCATION Auburn, ME

DATE 12-20-2023 MARK NUMBER A100B (-08)

L.W.SPACE 2"

C.W.SPACE VAR

L.W.1 SIZE D24.6

L.W.2 SIZE N/A

C.W.SIZE D10.0

WIDTH 6'-7"

LENGTH 25'-0"

OH.LEFT 0.5"

OH.RIGHT 0.5"

OH.TOP 6"

OH.BOTTOM 12"

YIELD 75,000psi

BENT -

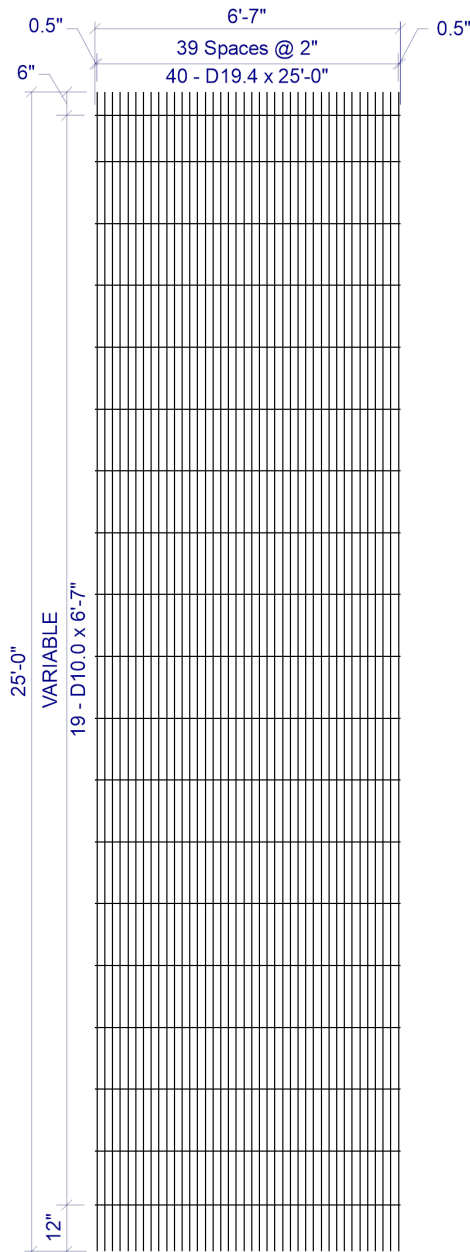
CUT -

ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	40	N/A	19
SIZE	D24.6	N/A	D10.0
LENGTH	25'-0"	-	6'-7"
W.T./SHEET			
SHEET W.T.	882.20#		
QUANTITY	19		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:

APPROVED _____



2 x VAR D19.4 / D10.0 (GRADE 75) 78(+0.5, +0.5) x 25'-0" (6, 12)
VAR = 6" OH, 1@12", 16@16", 1@14", 12" OH

SHEET DESIGN



Concrete Reinforcements, Inc.
3830 Presidents Way • Jacksonville, FL 32220
Phone: 904-520-7100 • Fax: 904-520-7101

CUSTOMER Superior Concrete
PROJECT F23-4597 - Drawings - 24x10 Sanford - Superior Concrete - 12-18-2023

LOCATION Auburn, ME

DATE 12-20-2023 MARK NUMBER A200B (-09)

L.W.SPACE 2"

C.W.SPACE VAR

L.W.1 SIZE D19.4

L.W.2 SIZE N/A

C.W.SIZE D10.0

WIDTH 6'-7"

LENGTH 25'-0"

OH.LEFT 0.5"

OH.RIGHT 0.5"

OH.TOP 6"

OH.BOTTOM 12"

YIELD 75,000psi

BENT -

CUT -

ROLL -

W I R E S	LINE WIRE 1	LINE WIRE 2	CROSS WIRE
NO. PER SHEET	40	N/A	19
SIZE	D19.4	N/A	D10.0
LENGTH	25'-0"	-	6'-7"
W.T./SHEET			
SHEET W.T.	708.80#		
QUANTITY	19		
SUB TOTAL WEIGHT			
TOTAL WEIGHT			
S.F./SHEET			
LBS/CSF			
Ast/LF			
ST.DENSITY			

SPECIAL REMARKS:

APPROVED _____